

ABSTRACT

There is provided a paste coating composition for reinforcing concrete comprising: (A) an epoxy resin, (B) a first fiber composed of a ceramic fiber, (C) a second fiber selected from the group consisting of a carbon fiber, an aramid (aromatic polyamide) fiber, a polyketone fiber and a glass fiber and (D) a pigment; and a concrete structure reinforced by the composition. The composition can rapidly form a coat as thick as 0.8 to 1.5 mm on a concrete structure without dropping of the composition. Consequently, the composition can considerably reduce time of works compared with conventional constructions for reinforcing concrete. Further, the concrete structures reinforced by the composition are not only improved in strength but also excellent in weathering performance, resistance to chemicals and decorating performance.